
TABLES

Table 1. Marine terrace terminology, Monterey Peninsula.

Age Of Deposits	Source Of Data		
	Williams (1970)	McKittrick (1988)	Dupré (1990a)
late Pleistocene (10 ka to 125 ka)	“25-foot level” (8 m)	“terrace 1” (9 ± 2 m) 100 ka*	“Ocean View” (10 m) 102 ka§
late Pleistocene	“30 to 50-foot interval” (9 to 15 m)	-----	-----
late Pleistocene	“70-foot level” (21 m)	“terrace 2” (27 ± 3 m) 120 ka*	“Lighthouse” (25 m) 118 ka§
middle Pleistocene (125 ka to 700 ka)	“160-foot level” (49 m)	-----	“College” (55 m) 319 ka§
middle Pleistocene	“225-foot level” (69 m)	“terrace 3” (66 ± 5 m) 330 ka†	“Silvan” (75 m) 415 ka#
middle Pleistocene	“320-foot level” (98 m)	-----	-----
middle to early Pleistocene	“410-foot level” (125 m)	“terrace 4” (136 ± 10 m) 700 ka†	“Monte Vista” (130 m) 750 ka#
early Pleistocene (700 ka to 1800 ka)	“550-foot level” (167 m)	-----	-----
early Pleistocene	“620-foot level” (189 m)	-----	“Huckleberry” (210 m) 1200 ka#

* indicates age based on soil-profile development.

† indicates age based on extrapolating 0.16 mm/yr rate of uplift inferred from lower terraces.

§ indicates age determination by altitude correlation to known highstands (as described by Lajoie and others, 1991).

indicates age based on extrapolating 0.18 mm/yr rate of uplift inferred from lower terraces.

Table 2. Quaternary displacement rates for faults in the greater Monterey area.

Fault	Unit offset	Estimated age of unit (years)	Amount of offset (m)	Displacement rate (mm/yr)	Source of offset data
Ord Terrace	Paso Robles Formation	1,100,000	180	0.16 (vertical)	Staal, Gardner and Dunne (1990a)
Seaside	Paso Robles Formation	1,100,000	84	0.08 (vertical)	Staal, Gardner and Dunne (1990a)
Chupines	Paso Robles Formation	1,100,000	150	0.14 (vertical)	Staal, Gardner and Dunne (1988a)
	“late Pleistocene”	12,500	25?	2.0 (horizontal)	Vaughan and others (1991)
Navy	fluvial terrace	600,000	10	0.02 (vertical)	Wright and others (1990)
Sylvan thrust	“Silvan” coastal terrace	415,000	15–20	0.04–0.05 (vertical)	Dupré (1990b)
	colluvium	4,890*	1–2	0.20–0.41 (vertical)	this study
Tularcitos	colluvium	7,780*	1	0.13 (vertical)	this study
Hatton Canyon	fluvial terrace	1,100,000	30	0.03 (vertical)	Rosenberg (1993)
	colluvium	2,080*	0.15–0.3	0.07–0.14 (vertical)	this study
Cypress Point	“Ocean View” coastal terrace	102,000	1	0.01 (vertical)	Clark (1989)

* indicates ^{14}C age (appendix A)